

STATEMENT OF WORK FOR THE  
Rebuild of the CV-4004, Converter, Fiber Optic  
for the AN/GSC-54  
NSN 6020-01-378-4837

**1.0 SCOPE.** This Statement of Work (SOW) establishes, sets forth tasks and identifies the work efforts that shall be performed by the Contractor (for purposes of this SOW, Contractor is defined as the commercial or government entity performing the rebuild) to rebuild the CV-4004, Converter, Fiber Optic, NSN 6020-01-378-4837, Part Number 90009A1100-1, CAGE 01365, for the AN/GSC-54. This document contains requirements to restore the CV-4004, Converter, Fiber Optic, hereafter referred to as the CV-4004, to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more than six months shelf-life remaining".

**1.1 Background.** Rebuild is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items".

**2.0 APPLICABLE DOCUMENTS.** The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

**2.1 Military Standard**

|             |  |
|-------------|--|
| MIL-STD-129 | DoD Standard Practice: Military Marking for Shipment and Storage |
|-------------|--|

|                 |  |
|-----------------|--|
| MIL-STD-2073-1D | DoD Standard Practice for Military Packaging |
|-----------------|--|

**2.2 Other Government Documents and Publications**

|                  |                                      |
|------------------|--------------------------------------|
| TM 09006A-25&P/2 | Converter Set, Fiber Optic AN/GSC-54 |
|------------------|--------------------------------------|

|   |                       |
|---|-----------------------|
| Engineering Drawing<br>90009A1100, CAGE 01356 | Fiber Optic Converter |
|---|-----------------------|

|   |                                   |
|---|-----------------------------------|
| Engineering Drawing<br>90009A1100, CAGE 01365 | Parts List, Fiber Optic Converter |
|---|-----------------------------------|

DoD 4000.25-1-M                      Military Standard Requisitioning and Issue Procedures  
(MILSTRIP)

Military Handbook (For Guidance)

MIL-HDBK-61                      Configuration Management Guidance

2.3 Industry Standards

JESD625-A                      Requirements for Handling Electrostatic-Discharge-  
Sensitive (ESDS) Devices

ANSI/ISO/ASQC Q9001-2000      Quality Management Systems - Requirements

Industry Standard (For Guidance)

ANSI/EIA-649                      National Consensus Standard for Configuration  
Management

Copies of Military Specifications and Standards are available from the DoD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-2179 or DSN 442-2179 or on the Internet at <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracts Department (Code 891), P. O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Command, Albany, Georgia 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center (Code 566-1A), 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3.0 REQUIREMENTS

3.1 General Task. The Contractor shall rebuild CV-4004, NSN 6020-01-378-4837, Part Number 90009A1100-1, CAGE 01365 in accordance with TM 09006A-25&P/2, Engineering Drawing 90009A1100, CAGE 01356 and Engineering Drawing 90009A1100, CAGE 01365.

3.2 Packaging, Handling, Storage and Transportation (PHS&T)

a. The Contractor shall be responsible for preservation and packaging of items being rebuilt under the terms of this statement of work. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with level "A" requirements of MIL-STD-2073-1D, Appendix A, Table A, VI., Electronic Equipment. Items scheduled for domestic shipment for immediate use or short-term storage shall be to level "B" requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

**3.3 Configuration Control.** The Contractor shall apply configuration control procedures to established configuration items. The Contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If it is necessary to temporarily depart from the authorized configuration, the Contractor shall prepare and submit a Request for Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

**3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM).** The Management Control Activity (MCA) (Code 581-1B) will coordinate GFE/GFM requests and maintain a central control system on all government owned assets in the Contractor's possession. The MCA will forward a GFE Accountability Agreement to the contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The Contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD 1348 to Materiel & Distribution Management Department, Distribution Management Branch, Management Control Activity (Code 581-1B), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320 or faxing a copy to commercial (229) 639-5498 or DSN 567-5498.

**3.5 Quality Assurances Provisions.** The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems - Requirements.

**3.6 Electrostatic Discharge (ESD) Control Program.** The Contractor shall establish, implement and document an ESD control program following the guidelines provided in JESD625-A. ESD protective measures shall be used during manufacturing, handling, inspection, testing, marking, packaging, storing and transporting ESD sensitive components.

**3.7 Contractor Furnished Materiel (CFM).** The Contractor may requisition materiel as required in the performance of the SOW through the DOD Supply System. DOD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The Contractor's decision to utilize CFM procured from the DOD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

*(1 Data Item)*

*Form Approved*

OMB No. 0704-0188

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|---|--|--|--|---|---|---------------------------------------|---|
| A. CONTRACT LINE ITEM NO.   |  | B. EXHIBIT   |  | C. CATEGORY:<br>TDP _____ TM _____ OTHER <u>X</u> |   |                                       |   |
| D. SYSTEM/ITEM<br>CV-4004 Converter, Fiber Optic  |  |  | E. CONTRACT/PR NO.                         |   | F. CONTRACTOR   |                                       |   |
| 1. DATA ITEM NO.<br><br>A001  |  | 2. TITLE OF DATA ITEM<br><br>Request For Deviation |  |   | 3. SUBTITLE<br><br>Configuration Management           |                                       |   |
| 4. AUTHORITY (Data Acquisition Document No.)<br>DI-CMAN-80640C  |  |  | 5. CONTRACT REFERENCE<br>SOW 3.3           |   | 6. REQUIRING OFFICE<br>MCLCA (566)                    |                                       |   |
| 7. DD 250 REQ<br>LT   | 9. DIST STATEMENT<br>REQUIRED<br><br>A | 10. FREQUENCY<br>ASREQ                             | 12. DATE OF FIRST SUBMISSION<br>See Blk 16 |   | 14. DISTRIBUTION<br><br>a. ADDRESSEE<br>MCLCA (566-1) |                                       |   |
| 8. APP CODE<br>A  |  | 11. AS OF DATE                                     | 13. DATE OF SUBSEQUENT<br>SUBMISSION       |   |   | b. COPIES<br>Draft Final<br>Reg Repro |   |
| 16. REMARKS<br>Blk 4 - Contractor format submitted in .pdf or .doc format is authorized.<br><br>Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet the prescribed configuration documentation.<br><br>RFDs will be reviewed and disposition determined within 30 claendar days upon receipt by the Government.<br><br>Block 14: RFD shall be transmitted via e-mail to the following address:<br>smblogcomconfigmngmnt@logcom.usmc.mil<br><br>Distribution Statement A: Approved for Public Release; Distribution is Unlimited. |  |  |  |   | 0   | 1                                     | 0 |
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| 15. TOTAL   |  |  |  |   | 0   | 1                                     | 0 |
| G. PREPARED BY<br>Pat [Signature]   |  | H. DATE<br>10-8-03                                 |  | I. APPROVED BY<br>[Signature]                     |   | J. DATE<br>10/20/03                   |   |

17. PRICE GROUP

**18. ESTIMATED  
TOTAL PRICE**